

Dexron VI

GM Introduces New Automatic Transmission Fluid For 2006 Cars and Trucks

Pontiac, Mich. - GM, in conjunction with Petro-Canada and Afton Chemical Corporation, have developed a new, improved automatic transmission fluid for all 2006 model year Hydra-Matic automatic transmissions. Developed for factory-fill as RDL-3434 and registered for service fill as DEXRON®-VI, the new fluid represents a significant improvement in automatic transmission fluids and is the direct result of GM's industry leadership in the development and production of automatic transmissions.

"For 65 years, GM has led in the design, development and production of automatic transmissions," says Tom Stephens, group vice president for GM Powertrain. "This knowledge and experience has helped us work directly with the petroleum industry to develop a new fluid that will further accentuate the performance and reliability of GM's Hydra-Matic transmissions."

Automatic transmission fluid (ATF) is considered the life-blood of the automatic transmission. It is used to transfer power in the torque converter and provide the pressure to apply the transmission's various clutches and bands. It also is used to clean, lubricate and cool the components of the transmission. GM's new transmission fluid, DEXRON®-VI, was developed to have a more consistent viscosity profile; a more consistent shift performance in extreme conditions; and less degradation over time.

Beginning with the design and development of GM's new Hydra-Matic 6-speed rear-wheel-drive transmissions, GM Powertrain engineers determined the need for a new transmission fluid to withstand the complexity of the clutch-to-clutch transmission operation. Additionally, GM engineers identified opportunities to improve viscosity, durability, and impact on fuel economy with a new fluid.

"The development of DEXRON®-VI is the first time an automotive company has worked so closely with petroleum and additive companies to develop a new fluid," says Roy Fewkes, driveline fluids group leader, GM Powertrain. "The result is a new fluid that significantly outperforms existing fluids in every aspect. In fact, we have had to significantly extend the length of our durability tests to fully test the fluid's capability."

Internal GM tests have demonstrated DEXRON®-VI to deliver more than twice the durability and stability in friction tests compared to existing fluids. It also has demonstrated superior performance in pitting, foaming, oxidation and shear stability tests.

GM will begin factory-fill of the new transmission fluid on April 4 2005, starting with the new Hydra-Matic 6L80, produced at the Willow Run transmission facility in Ypsilanti, Mich.



		Case	1 Case	5 Case	10 Case
10-101	ACDelco Dex-Cool	6	10.98	9.99	9.59
10-9029	ACDelco Dexron VI	12	2.47	2.37	2.28